Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 07 Dec 2020 until 23:59 on Tuesday 08 Dec 2020

Forecast Issued on Sunday 06 Dec 2020 at 10:05

Confidence: There is uncertainty over the extent of cloud cover through Monday but there is better confidence of poorer conditions on Tuesday. Confidence for details in the forecast decreases markedly through mid week with some large changes possible.

Headline for Monday 07 Dec 2020: A cold and bright day.

Mountain weather hazards on Monday 07 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	MIST				MIST	MIST	MIST
Mist	Mist	Partly cloudy (night)	Sunny intervals	Sunny intervals	Mist	Mist	Mist
Precipitation probability							
10%	00%	00%	00%	00%	00%	00%	30%

Forecast for Monday 07 Dec 2020

Weather: Areas of hill fog persisting through the early hours, but some clear spells developing towards dawn. A dry start to Monday with some clearer skies as well as some mist and fog within the valleys. Some sunshine through the day but areas of hill fog will develop through afternoon and become persist into the evening. A few snow showers possible towards midnight.

Chance of cloud free mountain/hill tops above 600m: 70% through the bulk of the day with only a few patches of low cloud above 500m. Falling 30% towards dusk as low cloud thickens.

Visibility: Mostly very good through the bulk of the day, but deteriorating to less than a kilometre or so as cloud develops later in the day.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 07 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/8 SE	5/7 SE	4/6 N	6/9 N	6/11 NW	10/15 W	13/20 W	16/24 W	18/28 W
300	4/5 SE	3/5 E	2/4 NE	3/6 N	4/8 W	7/12 W	8/15 W	10/17 W	11/20 W
Valley	3/5 E	4/7 E	3/5 E	3/6 NE	3/7 NW	4/9 W	5/11 W	6/13 W	8/17 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-1/-4	-1/-4	-2/-5	-1/-4	-1/-6	-2/-7	-2/-8	-1/-8
300	1/-1	1/-1	0/-1	0/-2	1/-1	1/-2	0/-3	1/-4	1/-3
Valley	2/-0	1/-1	0/-2	0/-2	2/0	2/-0	1/-2	1/-2	1/-2
Freezing Level*	500m	500m	500m	400m	500m	500m	500m	500m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chilly with freshening westerly winds later in the day. Some uncertainty over cloud cover.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 06 Dec 2020	6mm	10mm	10mm

Forecast for Tuesday 08 Dec 2020

Weather: Thickening cloud will bring spells of snow (initially as low as 300-400m) through morning, this quickly turning to rain at all levels. Most of this will clear by midday leaving a little patchy rain through the rest of the day but plenty of dry weather. Cloud cover will continue to be mostly extensive although some late afternoon brightness is possible.

Maximum wind: Westerly 20-25mph initially, then 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 20% with cloud rather extensive above 500m. Perhaps improving 60% for a time through late afternoon as cloud breaks, but this is uncertain.

Visibility: Very variable with height, no issues at low levels but generally limited to a kilometre or so above the cloud base and often much less.

Temperature: **Valleys:** 3-5C.
At 600m: Around freezing.
Freezing level: Above summits.

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